Subject: Re: Catching Up & Exploring AI Tooling

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Hi Emily,

Thanks for the update—congratulations on joining Google’s Maps team! It sounds like you’re doing exactly what we dreamed of back in Berkeley.

A few thoughts and next steps:

1. Routing Algorithms:

- I’d love to hear more about your work on A\* variations for bike and pedestrian routing. We might be able to compare notes on heuristic optimizations—our team recently experimented with dynamic cost adjustments based on live traffic data.

2. MLOps Specialization:

- The Coursera MLOps track sounds perfect. I’ve run a small proof-of-concept using SageMaker Pipelines to automate our retraining and deployment. Happy to share my pipeline templates if that’s useful for your CI/CD labs.

3. React Native Cleanup App:

- Your volunteer coordination app is awesome! If you need any backend scaling advice or want to integrate AWS AppSync for real-time data, let me know—been prototyping similar architectures on my side.

4. Designing Data-Intensive Applications:

- That book is a goldmine. I’m planning a brown-bag session with the team on the “stream processing vs. batch” debate—would love to have you join and share your insights.

As for the Bedrock experiments and CodeWhisperer integration:

- I’ve been testing Bedrock’s command-style prompts to generate Lambda functions automatically. Early results show about a 30% reduction in boilerplate time.

- CodeWhisperer’s new security scan hook flagged a few dependency vulnerabilities in one of our microservices—I’ll walk you through the setup and results.

Call Proposal:

Would you be available for a 30-minute Zoom next Tuesday (May 6) at 3:00 PM PST? If that slot doesn’t work, I’m also free Wednesday morning (May 7) between 9:00–11:00 AM PST.

Looking forward to diving deeper and swapping war stories!

Cheers,

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